

## ARE YOU LOOKING FOR WAYS TO REDUCE YOUR INSTALLATION AND POST-INSTALLATION SUPPORT COSTS?

### IS YOUR TEAM SHARING EXPENSIVE METERS FOR INSTALLATION AND TROUBLESHOOTING?

Wi3 Inc has been working to simplify MoCA installations and subsequent troubleshooting efforts by introducing a PHY Rate table innovation. The Wi3 MoCA2.0 WiP7500 (CATV-WiFi model) with firmware upgrade version 3.22.03 now provides a "Location ID" (Patent Pending, 62/499,302) Each Location ID becomes the column and row header in the PHY Rate Table. MoCA devices without the Location ID are identified by the last 6 digits of their MAC address.

The PHY rates in the table provide a quick report on the health of the MoCA network infrastructure. Values below 200Mbps and 600Mbps for MoCA1.1 and MoCA2.0 devices respectively are highlighted in red and indicate potential performance issues. The pattern of rates below these thresholds indicate which cable runs to focus on. The majority of MoCA network problems are fixed by replacing bad RF connectors and RF splitters. The example below indicates that the coax run to MoCA1.1 device 00:0C:72 needs attention to remedy the low PHY rates. In this case poor F connectors, including a coax wall plate barrel F connector, were found to cause excessive signal ingress and dB loss.

From/To	Rm260	Rm281	ba:a1:90	Rm278	Rm255	Rm286	Rm275	Rm289	Rm269
Rm260	***	630	653	650	627	632	625	459	627
Rm281	620	***	652	636	625	645	620	239	643
ba:a1:90	651	643	***	650	648	635	644	578	650
Rm278	652	654	654	***	623	634	629	404	632
Rm255	621	617	646	636	***	619	650	482	628
Rm286	628	617	653	618	623	***	620	218	638
Rm275	630	618	640	636	650	634	***	516	636
Rm289	449	238	558	392	473	207	517	***	486
Rm269	638	651	650	644	633	643	625	486	***